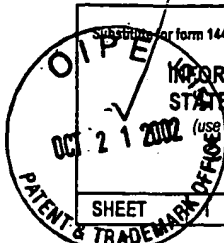


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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets necessary)			COMPLETE IF KNOWN	
Application Number			09/929,295	
Filing Date			August 13, 2001	
First Named Inventor			Ho et al.	
Group Art Unit			2621	
Examiner Name			Unknown	
Docket Number			EYEM1360	
SHEET 1	OF 4	RECEIVED OCT 22 2002 Technology Center 2600		

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (If known)			
✓	1	4,725,824		Yoshioka	02/16/88	
✓	2	4,805,224		Koezuka et al	02/14/89	
✓	3	4,827,413		Baldwin et al.	05/02/89	
✓	4	5,159,647		Burt	10/1992	
✓	5	5,168,529		Peregrin et al	12/01/92	
✓	6	5,187,574		Kosemura et al.	02/16/93	
✓	7	5,220,441		Gerstenberger	06/15/93	
✓	8	5,280,530		Trew et al	01/1994	
✓	9	5,333,165		Sun	07/26/94	
✓	10	5,383,013		Cox	01/17/95	
✓	11	5,430,809		Tomitaka	07/04/95	
✓	12	5,432,712		Chan	07/11/95	

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Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Office ³	Number ⁴	Kind Code ⁵ (If known)			
✓	13	DE	4406020	C1			No
✓	14	EP	0807902	A2	Cyberclass Limited	11/1997	

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ⁶
✓	15	International Search Report for PCT/US99/07935	
✓	16	Akimoto, T., et al., "Automatic Creation of Facial 3D Models", IEEE Computer Graphics & Apps., pp.16-22, Sept. 1993.	
✓	17	Ayache, N. et al., "Rectification of Images for Binocular and Trinocular Stereovision", Proc. Of 9th Int'l. Conference on Pattern Recognition, 1, pp. 11-16, Italy, 1988.	
✓	18	Belhumeur, P., "A Bayesian Approach to Binocular Stereopsis", Int'l. J. Of Computer Vision, 19 (3), Pp.237-260, 1996.	
✓	19	Beymer, D. J., "Face Recognition Under Varying Pose", MIT A.I. Lab. Memo No. 1461, pp. 1-13, 12/93.	
✓	20	Beymer, D.J., "Face Recognition Under Varying Pose", MIT A.I. Lab. Research Report, 1994, pp. 756-761.	
✓	21	Buhmann, J. et al., "Distortion Invariant Object Recognition By Matching Hierarchically Labeled Graphs", In Proceedings IJCNN Int'l Conf. Of Neural Networks, Washington, D.C. June 1989, pp. 155-159.	
✓	22	DeCarlo, D., et al., "The Integration of Optical Flow and Deformable Models with Applications to Human Face Shape and Motion Estimation", pp. 1-15, In Proc. CVPR '96, pp. 231-238 (published) [TM 18.9.96].	
✓	23	Devemay, F. et al., "Computing Differential Properties of 3-D Shapes from Stereoscopic Images without (3-D) Models", INRIA, RR-2304, pp. 1-28, Sophia, Antipolis, 1994.	
✓	24	Dhond, U., "Structure from Stereo: a Review", IEEE Transactions on Systems, Man, and Cybernetics, 19(6), pp.1489-1510, 1989.	

Examiner Signature	<i>[Signature]</i>	Date Considered	✓ 5/27/04
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets necessary) OCT 21 2002 PATENT & TRADEMARK OFFICE		Application Number	09/929,295
		Filing Date	August 13, 2001
		First Named Inventor	Ho et al.
		Group Art Unit	2621
		Examiner Name	Unknown
		Docket Number	EYEM1360
SHEET	2	OF	4

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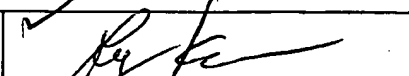
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U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (If known)			
Q	25	5,511,153		Azarbayejani et al.	04/23/96	
X	26	5,533,177		Wirtz et al.	07/02/96	
X	27	5,550,928		Lu et al.	08/1996	
X	28	5,581,625		Connell	12/1996	
X	29	5,588,033		Yeung	12/24/96	
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X	34	5,719,954		Onda	02/17/98	
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Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ⁶
X	46	Fleet, D.J., et al., "Computation of Component Image Velocity from Local Phase Information", <i>Int. J. Of Computer Vision</i> , 5:1, pp. 77-104 (1990).	
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X	48	Hall, E.L., "Computer Image Processing And Recognition", Academic Press 1979, 99. 468-484.	
X	49	Hong, H., et al., "Online Facial Recognition based on Personalized Gallery", <i>Proceedings of Int'l Conference On Automatic Face And Gesture Recognition</i> , pp. 1-6, Japan April 1997	
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X	52	Kruger, N., et al, "Principles of Cortical Processing Applied to and Motivated by Artificial Object Recognition", <i>Institut fur Neuroinformatik, Internal Report 97-17</i> , Oct. 97, pp. 1-12.	
X	53	Kruger, N., et al, "Autonomous Learning of Object Representations Utilizing Self-Controlled Movements", 1998, <i>Proceedings of NN98</i> , 5 pp.	

Examiner Signature		Date Considered	5/27/04
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¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two letter-code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard St. 16 if possible. ⁶Applicant is to place a check mark here if English language translation is attached.

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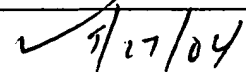
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<p>Substitute for Form 1449A/PTO</p> <p>INFORMATION DISCLOSURE</p> <p>STATEMENT BY APPLICANT</p> <p>(use as many sheets necessary)</p> <p>OCT 2 1 2002</p> <p>TRADEMARK OFFICE</p>		COMPLETE IF KNOWN		RECEIVED
		Application Number	09/929,295	
		Filing Date	August 13, 2001	OCT 22 2002
		First Named Inventor	Ho et al.	
		Group Art Unit	2621	Technology Center 2600
		Examiner Name	Unknown	
<p>SHEET 2 OF 4</p>		Docket Number	EYEM1360	

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ⁵
K	54	Kruger, N., et al, "Object Recognition with a Sparse and Autonomously Learned Representation Based on Banana Wavelets", <i>Internal Report 96-11</i> , Institut fur Neuroinformatik, Dec. 96, pp. 1-24.	
K	55	Kruger, N., et al, "Object Recognition with Banana Wavelets", <i>European Symposium on Artificial Neural Networks (ESANN97)</i> , 1997, 6 pp.	
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K	57	Lades, M., et al, "Distortion Invariant Object Recognition in the Dynamic Link Architecture", <i>IEEE Transactions on Computers</i> , Vol. 42, No. 3, 1993, 11 pp.	
K	58	Luong, Q. T., et al, "The Fundamental Matrix, Theory, Algorithm, and Stability Analysis", <i>INRIA</i> , 1993, pp. 1-46.	
K	59	Manjunath, B. S., et al, "A Feature Based Approach to Face Recognition", <i>In Proceedings IEEE Conference on Computer Vision and Pattern Recognition</i> , pp. 373-378, 3/92.	
K	60	Mauer, T., et al, "Single-View Based Recognition of Faces Rotated in Depth", <i>In Proceedings of the International Workshop on Automatic Face and Gesture Recognition</i> , pp. 248-253, Zurich, CH, June 26, 1995.	
K	61	Mauer, T., et al, "Learning Feature Transformations to Recognize Faces Rotated in Depth", <i>In Proceedings of the International Conference on Artificial Neural Networks</i> , Vol. 1, pp. 353-358, Paris, France, October 9-13, 1995.	
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K	63	Maybank, S. J., et al, "A Theory of Self-Calibration of a Moving Camera", <i>International Journal of Computer Vision</i> , 8(2), pp. 123-151, 1992.	
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K	66	Okutomi, M., et al, "A Multiple-Baseline Stereo", <i>IEEE Trans. on Pattern Analysis and Machine Intelligence</i> , Vol. 15, No. 4, pp. 353-363, Apr. 1993.	
K	67	Peters, G., et al, "Learning Object Representations by Clustering Banana Wavelet Responses", <i>Tech. Report IR-INI 96-09</i> , Institut fur Neuroinformatik, Ruhr Universitat, Bochum, 1996, 6 pp.	
K	68	Phillips, P. J., et al, "The Face Recognition Technology (FERET) Program", <i>Proceedings of Office of National Drug Control Policy, CTAC International Technology Symposium</i> , August 18-22, 1997, 10 pages.	
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K	70	Roy, S., et al, "A Maximum Flow Formulation of the N-Camera Stereo Correspondence Problem", <i>IEEE, Proceedings of International Conference on Computer Vision</i> , Bombay, India, Jan. 1998, pp. 1-6.	
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Examiner Signature		Date Considered	
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SUBSTITUTION Form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets necessary)		COMPLETE IF KNOWN	
Application Number		09/929,295	
Filing Date		August 13, 2001	
First Named Inventor		Ho et al.	
Group Art Unit		2621	
Examiner Name		Unknown	
Docket Number		EYEM1360	

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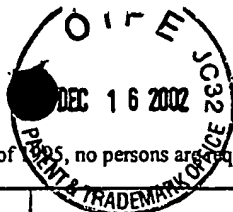
Examiner Signature	<i>[Signature]</i> ✓	Date Considered	✓ 5/27/04
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				Application Number	09/29,295
				Filing Date	August 13, 2001
				First Named Inventor	Randall Ho et al.
				Group Art Unit	2621
				Examiner Name	Unknown
SHEET	1	OF	1	Docket Number	EYEM1360

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (If known)			
✓		6,011,562		Gagné	01-04-2000	

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ³
		Office ³	Number ⁴	Kind Code ⁵ (If known)				
✓		PCT	WO99/53443		Eyematic Interfaces, Inc.	10-21-1999		

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ³
✓		Notification of Transmittal of the International Search Report or the Declaration, International Search Report for PCT/US02/23973, mailed 18 November 2002	
✓		VALENTE, Stephanie et al., "A Visual Analysis/Synthesis Feedback Loop for Accurate Face Tracking", Signal Processing Image Communication, Elsevier Science Publishers, Vol. 16, No. 6, February 2001, pages 585-608	
✓		YANG, Tzong Jer, "Face Analysis and Synthesis", June 1, 1999, Retrieved from Internet, http://www.cmlab.csie.ntu.edu.tw/ on 25 October 2002, 2 pg.	
✓		YANG, Tzong Jer, "VR-Face: An Operator Assisted Real-Time Face Tracking System", Communication and Multimedia Laboratory, Dept. of Computer Science and Information Engineering, National Taiwan University, June 1999, pgs.1-6	

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Examiner Signature	<i>[Signature]</i>	Date Considered	✓ 5/18/04
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